

Highrise Residential Performance Form: Santa Barbara Ordinance SB-NR-PERF

Not to be used for Nonresidential and Hotel/Motel Occupancies

Project Name/Address:			
Date of T24 Report:		Conditioned Floor Area (SF):	

1. Input Data from Part 2 of 3, PERF-1 Form:

Energy Component	Standard Design TDV KBtu/sf-yr	Proposed Design TDV KBtu/sf-yr	Instructions
Space Heating			Input Space Heating for every project.
Space Cooling			Input Space Cooling for every project.
Indoor Fans			Input Indoor Fans for every project.
Heat Rejection			Input Heat Rejection if including Mechanical compliance.
Pumps & Misc.			Input Pumps & Misc. if including Mechanical compliance.
Lighting			Input Lighting if including Lighting compliance.
TOTAL:			
	x 0.85 =		0.90 x Standard Design =
	Revised Standard Design (TDV KBtu/sf-yr)		Maximum Allowed Proposed Design (TDV KBtu/sf-yr)

2. Calculate Solar Photovoltaic (PV) System Credit:

When a proposed solar PV system is to receive credit under the Santa Barbara Ordinance.

Annual TDV Production is obtained using the CEC PV Calculator, Version 2.3 or higher at:

http://www.gosolarcalifornia.ca.gov/nshpcalculator/download_calculator.html

Solar PV Credit may be used only if Proposed Design is = or < the Maximum Allowed Proposed Design.

Annual TDV Production (TDV Kwh/yr)		/ (0.293 x Conditioned Floor Area) =	Solar PV Credit (TDV KBtu/sf-yr)
			[used in Step #3]

3. Calculate Revised Proposed Design:

Partial Proposed Design (TOTAL from above)		- Solar PV Credit =	Revised Proposed Design (TDV KBtu/sf-yr)
		[from Step #2 above]	

4. Verify Compliance With Santa Barbara Energy Ordinance:

Revised Standard Design TDV KBtu/sf-yr		must be = or >	Revised Proposed Design TDV KBtu/sf-yr

